

Status: Signing Off...
logoff

```
10jun02 15:08:14 User264726 Session D71.2
$2.29    0.423 DialUnits File15
$3.30    2 Type(s) in Format 3
$3.40    1 Type(s) in Format 9
$6.70    3 Types
$8.99    Estimated cost File15
$0.77    0.143 DialUnits File9
$0.77    Estimated cost File9
$0.30    0.055 DialUnits File623
$0.30    Estimated cost File623
$0.12    0.116 DialUnits File810
$0.12    Estimated cost File810
$0.97    0.180 DialUnits File275
$6.90    3 Type(s) in Format 3
$6.90    3 Types
$7.87    Estimated cost File275
$0.50    0.089 DialUnits File624
$0.50    Estimated cost File624
$1.98    0.367 DialUnits File636
$1.98    Estimated cost File636
$1.73    0.320 DialUnits File621
$1.73    Estimated cost File621
$0.32    0.320 DialUnits File813
$0.32    Estimated cost File813
$4.41    0.817 DialUnits File16
$6.20    4 Type(s) in Format 3
$6.20    4 Types
$10.61   Estimated cost File16
$0.70    0.130 DialUnits File160
$0.70    Estimated cost File160
$7.51    1.390 DialUnits File148
$15.50   10 Type(s) in Format 3
$15.50   10 Types
$23.01   Estimated cost File148
$0.59    0.588 DialUnits File20
$0.59    Estimated cost File20
OneSearch, 13 files, 4.938 DialUnits FileOS
$2.60    TELNET
$60.09   Estimated cost this search
$60.18   Estimated total session cost 5.096 DialUnits
```

Status: Signed Off

?ds

Set	Items	Description
S1	1462399	SHIP OR SHIPPING
S2	0	SCNA AND BARCODE AND LABEL AND TRACK AND INVENTORY
S3	194	SCAN AND LABEL AND BARCODE AND TRACK AND INVENTORY
S4	57	S3 AND ASSIGN? <i>Scanned</i>
S5	1462743	S4 AND TRUCK OR VEHICLE
S6	24	S5 AND S4
S7	21	RD (unique items)
S8	19	PY<=1999 AND S7 <i>Read Some</i>

? show files

File 15:ABI/Inform(R) 1971-2002/Jun 10
(c) 2002 ProQuest Info&Learning

File 9:Business & Industry(R) Jul/1994-2002/Jun 07
(c) 2002 Resp. DB Svcs.

File 623:Business Week 1985-2002/Jun 10
(c) 2002 The McGraw-Hill Companies Inc

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 275:Gale Group Computer DB(TM) 1983-2002/Jun 07
(c) 2002 The Gale Group

File 624:McGraw-Hill Publications 1985-2002/Jun 10
(c) 2002 McGraw-Hill Co. Inc

File 636:Gale Group Newsletter DB(TM) 1987-2002/Jun 07
(c) 2002 The Gale Group

File 621:Gale Group New Prod. Annou. (R) 1985-2002/Jun 07
(c) 2002 The Gale Group

File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

File 16:Gale Group PROMT(R) 1990-2002/Jun 07
(c) 2002 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2002/Jun 10
(c) 2002 The Gale Group

File 20:Dialog Global Reporter 1997-2002/Jun 10
(c) 2002 The Dialog Corp.

8/3,K/1 (Item 1 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
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01195812 98-45207

The big hiccup

Hitchcock, Nancy

Apparel Industry Magazine v57n4 PP: 16-28 Apr 1996

ISSN: 0192-1878 JRNL CODE: ANM

WORD COUNT: 2060

...TEXT: the biggest shortfalls of our previous system was the fad that we lacked the proper **inventory** -control mechanisms to manage such a large volume of products," says Tom Scheitrum, distribution systems...

...to be able to update ease locations immediately and to manage all of the various **inventory** levels and statuses."

In addition, not having an accurate picture of **inventory** sometimes created problems for order pickers. "Order pickers used to go to a pick location...

... operations and enable it to grow. With advice from Andersen Consulting, the company implemented a **barcode** -based warehouse management system from Manhattan Associates, Atlanta.

The system, PkMS, which runs on an...

... 30%. The process begins when J.E. Morgan receives goods from its manufacturing plants. operators **scan** each carton's serialized **barcode label** into the system, and PkMS matches this data against an ASN. This process, which enables J.E. Morgan to **track** variances and shortages, and detect shipping errors, improved accuracy by 30% and saved a significant amount of time. Lift- **truck** operators put away the goods after receiving instructions from their radio frequency (RF) terminals. As they store each item, They **scan** the location's and the carton's serialized **barcode label**, which instantly updates **inventory** information. "The system gives you the tools to investigate where your **inventory** is at all times," notes Lisa Rhody, **inventory** control manager.

Order-picking begins after management prioritizes items to be picked based on major...

... two weeks' worth of orders at a time, and each order consisted of a shipping **label** and a five-part sales document."

The system then generates a prepick list, ensuring that...

... the line, an employee places a two-part document--a retail-specific UCC 128 shipping **label** and a carton contents **label** --on a basket and, via mechanical actuators located on the basket, sends it to a...

... sends the products to the packing station. At this station a packer scans the carton **label** to learn what size carton to use; the software automatically determines what size is appropriate... storage, they are tracked via RF terminals. As employees place goods in a location, they **scan** the goods and their corresponding locations. This way, they keep **inventory** status updated in real time.

"This has made a world of difference," says Scheitrum "We used to use a batch-locating gun to **scan** items into storage. But with any batch download process there is the chance for failure...

... with a bill of lading and indicates their exact storage location, is used by lift- **truck** operators to retrieve the goods.

At the shipping docks, employees **scan** each carton as it is loaded into a **truck** to guarantee shipment accuracy. The system pairs this information with the bill of lading and reports back any variance, shortages or missing cartons.

Immediately after a **truck** departs, J.E. Morgan sends a SKU-level ASN of

shipments via EDI to its...

... improved customer satisfaction is by producing labels to meet customer needs. Customers may want specific **label** designs, for example, or they may want information presented in a certain way, such as...

...will sign onto the system and it will provide instruction, in real time, on what **vehicle** to get, where to go, what to p and where to bring it. Not only...

...or important orders first. But in the new warehouse, there will be three types of **inventory** : bulk (in which full pallets are pulled), forward (full cases are pulled) and residual (partial cases are pulled). The system minimizes the number of pulls by pulling as much **inventory** as possible first from bulk, then from forward, and finally from residual.

The system determines...

... s bottom drop out so the product literally falls out, releasing its ordinances. The system **assigns** each carton to a specific chute.
"With this sortation system, we no longer have active...

... induct" each item into the order. An electronic eye tracks quantities, eliminating the need to **scan** each item in the carton. A red light flashes when the order is complete. As... will allow it to move onto the print-and-apply system to receive its shipping **label** .

The carton also may be routed to a pallet consolidation area or diverted to quality...

...DESCRIPTORS: **Inventory** management

8/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00901776 95-51168

A multimedia solution to productivity gridlock: A re-engineered jewelry appraisal system at Zale Corporation

Newman, Julie; Kozar, Kenneth A
MIS Quarterly v18n1 PP: 21-30 Mar 1994
ISSN: 0276-7783 JRNL CODE: MIS
WORD COUNT: 4845

...TEXT: Tens of thousands of dollars each month could be saved if Zale maintained an accurate **inventory** of the loose gemstones that were recovered when large quantities of jewelry were melted. The...

... brokers in large batches with little understanding of their individual size and quality. A perpetual **inventory** that identified the size, shape, and quality of precious gemstones would allow them to be...

...dollars.

A still greater potential for increasing the revenue produced by the disposition of distressed **inventory** came from refurbishing the jewelry and then retailing it at reduced margins through liquidation outlets...

...AN AUTOMATED SOLUTION TO JEWELRY APPRAISAL

An automated system to receive and appraise the unsalable **inventory** that accumulates in Zale Corporation jewelry stores was proposed. The end result was an intelligent...

...designed to run on a local area network and utilize voice recognition as the primary **vehicle** for capturing data. All of the activities performed by the gemologists were supported by voice...

... ancillary tools-of-the-trade such as calipers and diamond scales.

Barcodes were used to **track** items as they made their way from receipt through a multitude of possible detours and...revenue-producing disposition for each item by estimating the resulting profit or loss and accurately **assigning** the results to the appropriate cost center.

The merchandise that is processed through the MEDUSA...

...shipment.

When the jewelry is received in the processing center at Zale headquarters, a unique **barcode** is affixed to each item. A receiving auditor enters the number of the accompanying document...

...of an item on a shipping document is "3," the system expects the auditor to **scan** three different barcodes before proceeding to the next line. After all items in a shipment...

...evaluation by the gemologists.

Another module of the application aids appraising and maintains a perpetual **inventory** of the loose diamonds that are returned from the smelter. This **inventory**, including stones that are removed prior to melting, is used to satisfy most diamond bond...

...the customer's stone. With MEDUSA, the gemologist locates the diamond in the loose stone **inventory** and produces a barcoded **label** to keep **track** of the jewelry as it is circulated to the repair vendor and back to the...

...to the workstation through serial ports.

Positive identification of each item is ensured by its **barcode label**. When a gemologist is ready to evaluate an item, he or she scans the **barcode** with a fixed laser **barcode** scanner. The scanner utilizes a software interface to decode the scanner information for the workstation. If a repair is prescribed, a repair **label** is created with a **barcode label** printer that is attached to the workstation. If a stone is removed from a setting, the same printer produces a **label** for a "diamond paper" in which the diamond will be stored in **inventory**.

The second productivity criterion of eliminating the need to evaluate every item was met via...

...databases that reside on different LAN servers. A gemologist begins an evaluation by scanning the **barcode** on an item that has been received in MEDUSA. If the item originated as Zale-owned **inventory**, MEDUSA queries a database on another LAN called "MIDAS"(3) and retrieves a file containing ... implementation in November, 1991, the system has been accumulating data about the Zale Corporation's **inventory** of unsalable jewelry. The system is now yielding strategic information that is being used for...to locate quickly all the one-quarter carat diamonds mounted in jewelry in Zale's **inventory** targeted to be melted. These stones were removed from their mountings, transferred to Diamond Bond...

...economic conditions that have affected many retailers during the past few years. The entire jewelry **inventory** from each of these stores was returned to the Zale processing center for evaluation using...of the MEDUSA system was based on a need to manage the elimination of unsalable **inventory** from Zale Corporation's 1500 stores and recover as much revenue as possible from its...

...goods. Although it still is advisable to melt a great deal of Zale's distressed **inventory**, the losses thus incurred are now more than offset by selling the majority of the...

...Zale also is internally supplying loose diamonds for repairs and insurance claims from its own **inventory**, and all costs previously incurred by using outside vendors to provide this service have been...

8/3,K/3 (Item 1 from File: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
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01840229 SUPPLIER NUMBER: 17410153 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Use bar codes to automate data entry in VB apps. (Visual Basic)(Visual
Basic Expert)(Tutorial)
Murdoch, John
Data Based Advisor, v13, n6, p128(5)
July, 1995
DOCUMENT TYPE: Tutorial ISSN: 0740-5200 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3788 LINE COUNT: 00309

ABSTRACT: Bar codes are used to mark prices on consumer goods, **track** the shipment of mail and airline luggage, and control and manage **inventory**. There are many types of bar-code formats, ranging from variants of the UPC symbol...

...used for sorting mail. Bar-code labels may be printed in advance on a simple **label** printer or can be semi-permanent. Codes on items that will be used and abused...

...scanners, charge-coupled devices and high-end hand-held laser scanners. Programs that decode the **scan** are built into scanners, but directing the information into a database requires some additional coding.

TEXT:

...re used for pricing books, groceries, clothing, and videotapes. You can also use them to **track** the shipment of letters, overnight packages, and airline luggage. George Bush, in the eyes of...

... or manufacturing, chances are you have to work with bar codes. You may have to **scan** them, or you may have to print them. This month, I'll cover both subjects--how to print bar codes, how to **scan** the, and what tools to use. The "Tip of the Month" provides you with a...

...you need to print bar codes on demand, do you need a heavy-duty specialized **label** printer (such as many shipping companies use)? Or can you use a lightweight **label** printer, like the Seiko **label** printers that you see advertised everywhere? Can you produce those labels with a laser printer? Do you print the bar-code **label** as a separate piece, or do you integrate the bar code into (for instance) the shipping **label**?

Permanent bar-code labels

Suppose you're working on a fleet management program, developing systems for tracking maintenance and repair on a company's vehicles. You can ask the **vehicle** service people to key in long strings of numbers to identify each **vehicle**, or you can simply have bar-code labels made and affixed to each car. (Next...

...are working with, then use the bar code as a unique identifier.

The example of **vehicle** fleet maintenance is perfect. Every car sold in North America has a unique **Vehicle** Identification Number (VIN)--it identifies the manufacturer, year, model, features, and other information. It is...for many different varieties of Avery labels--all you have to do is pick the **label**, place the data field, and **assign** the correct font.

Creating bar codes with Crystal Reports is easy if you buy a set of bar-code fonts. Just design your **label** form, create a set of records with your bar-code numbers, and print (figure 2...

...Codes! **Barcode** = OutStr\$
tb...

...3 * 1440
Barcode1.PrinterHeight = 720
Barcode1.PrinterHDC = Printer.hDC
' Setting the PrinterHDC property printed the
' **barcode** --now we'll print the text underneath
Printer.CurrentX = Barcode1.PrinterLeft
Printer.CurrentY = Barcode1.PrinterTop...that box, identifying item

number, price, weight, and other information. Figure 3 shows a shipping label with three bar codes on it.

ILLUSTRATION OMITTED|

(If your client or employer is making...

...you're going to be working with some expensive pieces of equipment--dedicated ink-jet label printers for producing these kinds of labels cost two to three thousand dollars and up...

...old days of writing printer-specific code, unless you're lucky enough to find a label printer with a Windows printer driver. One key question: How does the customer identify which...

...is which?

All these sorts of labels are standardized by industry--the fields in the label have pre-determined prefixes that you use for each code. The vendor code field, for...

...to make sure it has the right information before it tells the user that the scan was valid.

Scanning the bar codes

There are many ways in which I'm different...

...contact with the bar code--the user places the end of the wand on the label and swipes it across.

The cheap come-on prices you see displayed in ads by...

...CCD scanners do not have to come in contact with the bar code--they can scan the bar code from a range of 1 to 3 inches. That gives you a...

...flexibility in how you use the scanner, and CCD scanners are faster in registering a scan than wands, but the CCD scanners are more expensive. CCD scanners typically give best performance when they're scanning a flat surface. You can scan curved surfaces (many convenience stores use CCD scanners at the cash register), but it may...

...the grocery store). They are functionally very similar to laser scanners.

How to read the scan

How do you decode the scan? How do you tell whether you're reading a Code 39 scan or an Interleaved 2 of 5 scan? How about a Plessey scan?

Actually, you don't have to. The bar-code scanners all come with decoders that...to provide you with a prefix and postfix set of characters (like the complex shipping label above uses) that identifies a bar-code scan. Many scanners can automatically add a carriage return and line feed (Chr\$(13) & Chr\$(10)) after a successful scan. Do not bother with scanners that won't let you add characters before and/or after a scan.

You can try to set the focus on a particular control before telling the user to scan the bar code--but I find that it's simpler to just write a keyboard handler that watches for the scan. I set the KeyPreview property on the input form to True, so keyboard events are...

...on Enter.

If you use the serial port interface, you can handle the bar-code scan as a VB event. You connect the scanner to a COM port on the computer...

DESCRIPTORS: Barcode /Mark Reader...

... Barcode Printer
19950700

8/3,K/4 (Item 2 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
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01804827 SUPPLIER NUMBER: 17155740 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Tools and utilities.(1995 Database Buyer's Guide and client/server

sourcebook) (Buyers Guide)

DBMS, v8, n6, p72(29)

May 15, 1995

DOCUMENT TYPE: Buyers Guide

ISSN: 1041-5173

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 45154 LINE COUNT: 03869

... prints outlined listings of code. The cross-referencer provides detailed symbol descriptions including symbol usage (**assigned** , declared, and address used) and type information. The tree diagrammer is customizable to show different...228-9922

An information-management tool for software development and testing. Designed to help users **track** software testing information through all phases of software development, test, and revision cycles. Users plan testing strategies, **track** information related to test execution, and **track** defects from origin through resolution. Accesses the shared SQA test repository, keeping software testing information...

...the defect information to determine repair priority. Managers can apply report and graphing capabilities to **track** test assets, defect ages, defect trends, test logs, and administrative information. Available as part of...test-cycle management, customizable-test repository, and bug tracking are additional benefits. Reader service #593.

Track for Windows 2.2

Soffront Software Inc, Milpitas, CA

408-263-2703; 800-763-3766

An integrated bug-tracking and technical support system designed to **track** and automatically inform developers of product defects, project-completion time, system configuration, and other related... methodology popularized at the University of Queensland by Dr. Terry Halpin. Provides the ability to **assign** a wide variety of rules and constraints for business rules, triggers, and stored procedures. Automatically...systems to Access and other environments. Comes with more than 200 professionally designed tables, including **Inventory** , Accounts Payable, Cash Disbursements, Sales Commissions, Contact Management, Purchase Orders, Fixed Assets, Expense Budgeting, General...CMP, CCITT, and more) read, write, convert, display, scroll, zoom, dither, color reduce, print, and **scan** in all standard formats. Processes available are despeckle, deskew, scale-to-gray, resize, rotate, flip...application passwords in the NetWare bindery. Supports networks with multiple file servers, and can dynamically **assign** trustee rights. Available for DOS or Windows. \$295. Reader service #810.

FUNCKy

dLesko Inc., Jersey...Ontario, CANADA

416-789-2223

A document/image management library for CA-Visual Objects. Features **scan** , lead, display, print, save, zoom, and rotate with seamless device support; file formats .bmp, .pcx...managing Security Repository. Roles can contain specific sets of application objects, allowing the administrator to **assign** object restrictions to users. Groups and users may be **assigned** various roles within the system. PowerLock will then automatically hide or disable application objects based...editing, scroll bars, and background processing. A tool for application development as well as a **vehicle** for programmers wanting to learn and benefit from CA-Clipper COP. Lets developers create modeless...

...off-site customers, employees, and suppliers with telephone access to business information such as account, **inventory** , delivery dates, appointment schedules, patient information, personnel benefits, and store/dealer locations. FoxPro, Visual Basic...Single developer license: \$1495; network license: \$5995. Reader service #852.

PRINTING AND PUBLISHING TOOLS

CodeBar **Barcode** Library for Clipper/FoxPro

Software Concepts Inc., Beaverton, OR

503-641-1060

A **barcode** and Postal PostNet bar-code printing library for Clipper Summer '87 ...Interleaved 2 of 5, and U.S.P.S. PostNext and 62-bit Delivery Point **Barcode** (DPBC) barcodes. Prints to dot-matrix and HP-compatible laser printers. Free demo available through...Includes

security features and the ability to process query results on the client. Users can **assign** names to columns and organize them in folders. Handles all network navigation and table joins...simple descriptions attached to fields, and data dictionaries. Outputs to printer, text file, form, view, **label**, cross-tab, .dbf, and spreadsheet. Developers can prepare data dictionaries, queries, and reports or let...enhanced database features such as conditional fields, embedded query criteria, partial key linking, and table **scan**. Supports dot matrix and laser printers. Single-User Version: \$249; Developer Version: \$399. Reader service...

...database tables, customize user-defined functions, and create reports. Features include proportional-font support, Avery- **label** support, English querying, more than 90 predefined functions, line/box drawing and shading, graphics import...than 90 predefined functions, line/box drawing and shading, graphics import, WYSIWYG print preview, Avery **label** support, and data export to text files, worksheet files, database files, and marl via MAPI...

...of work or data fields, use any number of nested control breaks, accumulators that automatically **track** each control break level, and complete layout control with conditional page breaks, page headers and...linked Do files are stripped during the initial compilation, procedures in linked Do files are **assigned** sequential numbers during disassembly. All variable names remain intact. An optional .map file may be...

19950515

8/3,K/5 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01207427 SUPPLIER NUMBER: 06128572 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Up against the wand. (Hardware Review) (the Videx TimeWand Barcode Reader) (evaluation)
Wesley, Michael D.
MacUser, v3, n12, p140(5)
Dec, 1987
DOCUMENT TYPE: evaluation ISSN: 0884-0997 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3112 LINE COUNT: 00226

Up against the wand. (Hardware Review) (the Videx TimeWand Barcode Reader) (evaluation)

ABSTRACT: Videx's TimeWand **Barcode** Reader is a small, light-weight, easy-to-use Macintosh input device that comes with...

...of operation for various functions makes TimeWand worthwhile for time and client billing, document handling, **inventory** control, and personnel management applications.

pressure conspire
against you, the Videx
TimeWand **Barcode**
Reader accurately

keeps data entry sure and simple.

IT WAS A SMALL CHILDREN'S BOOK and toy store, but even so it carried over 4,000 items in **inventory**. Shipments came in almost every day, except during the big fall season because most of the Christmas **inventory** had already arrived by late summer. Whenever a shipment came in, each item had to be logged by hand in the ledger book that kept **track** of the **inventory**

At the point of sale, customers' receipts were handwritten so that each item could be...

...the end of each day, sales were entered in the same ledger, to keep the **inventory** current.

This tracking process was effective, but very time consuming. The store was run by...

...was clear that the store needed to computerize and find a way to improve the **inventory** procedures.

Several **inventory** packages were evaluated. Each had some positive benefits for the store, but they all required...
...input as the handwritten method. A point of sale system that could print receipts and **track** items sold was tried, but items received still had to be keyed in by hand, and it was difficult to keep **track** of exactly when a shipment had arrived. .

The owner read somewhere about **barcode** readers for small computer systems, and did some investigation. Most of the tools available were...

...the computer to work. This would have been fine if the store only wanted to **track** outgoing items, but wasn't very convenient for recording incoming shipments. They really needed a...

...owner noticed an advertisement for a product called the TimeWand, a credit card-sized, portable **barcode** reader for Macintosh. Soon, a TimeWand was in operation.

Although some of the items the...

...end of the day, when it was downloaded into the Macintosh and recorded in the **inventory** data base.

Not only did the TimeWand replace the tedious handwritten entry system, but it...

...Now, many of Videx's customers spend a good portion of their time describing their **barcode** systems to others.

A LITTLE BIT OF MAGIC

There isn't much to look at...

...clock chip and a beeper that plays a variety of tones to indicate a successful **scan** or to identify problems such as a full memory. Rechargeable NiCad batteries keep the scanner...

...sequence, and prevents you from bypassing the sequence. The first item to be scanned is **assigned** Level 1, the second Level 2, and so on. The data collected for each level is **assigned** to a separate column in a data file.

Using the bookstore example above, let's look at a procedure you could use to **scan** a box ...arrived from a distributor or publisher. Since the TimeWand automatically time and date stamps each **scan**, the time and day don't have to be entered or scanned manually.

The first...

...is Level 1. The next important piece of data is the shipper, so this is **assigned** Level 2. The third item to be scanned is the type of shipment (books, toys...

...can set it to carry the highest levels forward so that you only have to **scan** the employee's name once for each shipment, as shown above (a simple Hierarchy).

In...

...do is skip codes as you go down the tree (for example, you can't **scan** Level 1, Level 2, Level 4). If you try to **scan** a code out of sequence, the TimeWand beeps to let you know there has been...

...rescan the code NO for the referral bucket before processing the record and the NO **scan** would replace the YES.

A record is processed when a new entry is made to...

...a short configuration program that sets scanning parameters for a new TimeWand. The TimeWand can **scan** a standard form of **barcode** called Code 3 of 9. Videx includes a font for Code 3 of 9 in...

...install the font as you would any other, and use it to print your own **barcode** labels from an ImageWriter or a laser printer. Some labels are included in the manual, and there is a list of vendors who sell preprinted **barcode** labels as well.

You can also configure the TimeWand to **scan** UPC (Universal Product Code) symbols. This is useful in retail applications like the one mentioned ...

...IBM PC users are already using a data base like dBase III as their standard **vehicle** for data manipulation- , but that Mac users may not have a primary data base program...

...though, you may decide that it would be easier and more practical to save your **scan** files as ASCII text and export them into OverVUE or File or another data base...a file called the cross-reference (XREF) file. This file lists and defines the specific **barcode** values you'll be scanning in a particular application. Each value scanned is attached to...

...sensor is fully exposed. The manual says the TimeWand should be held vertically to the **barcode label** , but you can actually tilt it quite a bit and still get the code to **scan** .

To read a **barcode label** , you press the button on the side of the TimeWand and drag the sensor across the **label** , left to right (unless you configure the TimeWand for bidirectional scanning). A successful **scan** is rewarded with a short beep and the flash of a small green light in...

...use. Since it's a desk accessory, you can download from within any application.

The **scan** file is a collection of raw data. To use the data in some meaningful fashion...

...data base. This is the second function of the TimeWand Manager The Manager merges a **scan** file with a cross-reference file and builds a table that attaches specific values to...

...column display of a scanned file after the data have been cross referenced. While the **scan** file itself is just a list of barcodes, the Import List attaches a value to...

...create macros to automate data manipulation. You can, for instance, write one macro to download **scan** files, execute a cross reference, perform calculations and generate a report. The macro editor is...

...Perhaps the best way to use TimeWand Manager is to let it cross reference a **scan** file and build a table, then export the table to another data base that's...

...want to bypass the Manager altogether. To do this you change the parameters of the **scan** file so the downloaded data can be exported directly to another data base. Several TimeWand...

...uses the TimeWand for building inspections.

3. Several schools and businesses use the TimeWand to **track** guard patrols.

4. Construction firms use the TimeWand to **track** materials, and also to record progress on a site.

5. Small professional firms use the TimeWand to handle client billing, **track** employee time, and simplify document handling.

The TimeWand is a neat little gadget but can...

...DESCRIPTORS: **Barcode** /Mark Reader
19871200

8/3,K/6 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06415862 Supplier Number: 54898702 (USE FORMAT 7 FOR FULLTEXT)
Bar Code.
Automatic I.D. News, v15, n7, ps6
June, 1999
Language: English Record Type: Fulltext

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...any person, place or thing. Its applications appear unlimited. It is used for item tracking, **inventory** control, time and attendance recording, work-in-process monitoring, quality control, check-in/check-out...

... Council (HIBCC) and the U.S. Department of Defense (DoD). Industries also use it to **track** work-in-process in manufacturing, for warehouse **inventory** and for such specialized applications as identifying photofinishing envelopes. Code 39 is an alphanumeric symbology...

...even more with "linked" symbols). PDF417, for example, has been selected for encoding shipping/receiving **label** information and even "paper EDI" transactions use it with shipping containers as part of the...secured buildings, hotel rooms and other facilities. Other uses are for time and attendance systems, **inventory** tracking, personnel identification, amusement parks and games, manufacturing process control, transit fare collection and vending...

...have been developed in two major segments: physical and application standards. Physical standards define recording **track** locations, encoding methods, data densities and magnetic recording qualities. Application standards deal with data content...only contain memory and are used for applications such as coin replacement or units of **inventory**. These integrated circuit read-only memory (IC ROM) cards, also called IC memory cards, have...

...are read and written remotely by radio frequency signals for toll collection, container contents and **vehicle** identification. The distinction between contactless smart cards and certain types of radio frequency identification systems...

...memory to manage their routes. Trade show companies use contact memory to facilitate registration and **track** attendee interests. Other applications include mail/cargo bins, asset maintenance management programs, payroll/piecework tracking...shipping container to tie the goods to the electronic documentation.

EDI reduces lead times and **inventory** levels, improves bidirectional information accuracy and speed, reduces management costs and improves the quality of...categories of OCR/ICR readers: page readers, transaction readers and hand-held readers. Page readers **scan** pages of text, either directly from paper or from digitized images of documents stored in the computer system (many of today's computer fax programs contain OCR algorithms). Transaction readers **scan** a relatively short stream of data, such as account numbers on payment coupons. The difference between transaction readers and page or text readers is that transaction readers typically **scan** only a single line and provide higher accuracy. Transaction readers also are typically mounted on...

...of mechanical transport. Hand-held readers facilitate portable data entry. Libraries sometimes use them to **scan** the International Standard Book Number (ISBN) when readers check out books. Hand-held readers also are used in general data-entry applications because they allow a user to selectively **scan** information from forms or other documents.

Radio frequency data communications (RFDC) is not an automatic...used on people, places, things and animals. Currently, the most popular applications are for transportation (**vehicle** and container ID), toll booth collection, security (access control), automated manufacturing and animal tagging. Automated...

...include automated storage and retrieval (AS/RS), tool identification, personnel monitoring, package and baggage sorting, **vehicle** monitoring and pallet identification.

Tags come in a wide variety of designs and price points...

...market) converts human speech into electrical signals and transforms these signals into coding patterns with **assigned** meanings. It doesn't

translate the spoken word into a dictionary spelling, but rather into...
typed data collection. Typical applications are receiving/shipping,
distribution, order picking, part tracking, laboratory work, **inventory**
control, PC-board inspection, forklift operations, sortation or materials
processing, quality control and warehousing.

Speech...

PRODUCT NAMES: 3573243 (Barcode Readers)
19990601

8/3,K/7 (Item 2 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
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06099892 Supplier Number: 53662285 (USE FORMAT 7 FOR FULLTEXT)
How one warehouse delivers more than three.

Feare, Tom

Modern Materials Handling, v54, n1, p52(1)

Jan 31, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2154

... distribution. He remembers how "our three distribution facilities
had maxed out. We had plenty of **inventory** on hand, but we didn't have the
right mix of SKUs in the right...

...put the burden in operations management's lap to implement the project
on a fast **track** schedule to achieve the throughput and efficiencies
required for success. Involved were the integration of...is received from
several Beiersdorf plants and outside vendors. Receipts are scanned via RF,
creating **inventory** transactions that are bridged to the host MAPICS
perpetual **inventory** system. This process also ties the SKU and quantity
on each received pallet to a unique bar code license plate ID, which is
used to **track** the load from receiving through putaway.

After a receipt is closed, most pallets are directed...

...the optimal putaway location for that SKU as selected by the WMS.

When the fork **truck** driver deposits the load in the drop location,
another task is automatically created via RF...

...location.

"We now have highly accurate, real-time bar code and RF tracking of
all **inventory** and locations," says Suer. "It gives us tremendous control
and visibility of all our **inventory**, and the tools we need to manage our
business."

Outbound operations

The host MAPICS system...

...via RF, and when the picker reaches the location the unique serial
number on the **label** applied in manufacturing for each case is scanned to
confirm the pick.

Split case picking...

...a pick and pass operation with RF confirmation. The WMS pre-cubes each
carton and **assigns** pickers to zones based on the number of operators and
split case pick distribution for the wave, so that that the work is evenly
balanced.

Employees use blind **barcode** labels; applying one on each empty
carton and then scanning it. The RF terminals then...

...accuracy and shipment integrity," says Suer. "Every individual carton
has each pick confirmed via RF **scan**, and each carton must be accounted
for by the system and scanned to the proper...

19990131

8/3,K/8 (Item 3 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)

(c) 2002 The Gale Group. All rts. reserv.

04056567 Supplier Number: 45901715 (USE FORMAT 7 FOR FULLTEXT)
Oregon State makes the grade with bar codes
Automatic I.D. News, p29
Nov 1, 1995
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1742

... bookcase full of folders and he got the one down for the make of my **truck**,' Newman says. 'We went outside to look at my **truck**, and he scanned in the model, year, color and what had been damaged - all from...

...started bar coding on a small scale before implementing a preventive maintenance system. By keeping **track** of fire extinguishers on campus it was a quick success.

'The same type of program...

...notebook, and greasy fingerprints and all had to be deciphered,' Nash says. 'Now they just **scan** the problem in.'

When all of the inspections have been completed, the worker returns to ...the work force was an easy task compared to integrating the department's old equipment **inventory** system with bar codes.

'The only real problem we had was with the old numbering...

...all of the bar code tags. The department now uses a combination of bar code **label** stock from Ardon Business Forms and aluminum **label** plates from Express.

Not only has the use of bar code technology allowed the department...

...on his or her agenda. If one worker is bogged down with repairs, Newman can **assign** another worker to assist him/her. The department is able to use its work force...

...who has a lot of repairs to make.'

The bar codes also help the department **track** the quality of the equipment they are using. The maintenance data collected by the scanners...

...we know there's a problem with parts.'

Nash says that the department can now **track** its employees as well as equipment. 'If I had the desire, I could see where...

PRODUCT NAMES: 3573243 (Barcode Readers)
19951101

8/3,K/9 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03661623 Supplier Number: 45170789 (USE FORMAT 7 FOR FULLTEXT)
How to use bar codes in the small business: Part Two
Automatic I.D. News, p28
Dec, 1994
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1846

... the cost to implement.

MANUFACTURING

This application will serve many purposes and begins with the **assignment**, to each carton of product shipped, of a product identification number concatenated with a unique serial number. For the manufacturer, a serial number will help **track** product that may need to be recalled or returned. The serial number is an example...

...same serial number can be used by the customer for a receipt-of-shipment log, **inventory** tracking and stock rotation. These labels can be printed on demand or in batch mode...

...they are relocated or picked, and scanned once more when they are loaded on a **truck** . Exhibit 1 illustrates the scanning cycle of the shipping case labels. Exhibit 2 provides a...

...in super-durable, tamper- and abrasion -resistant labels and cards. Not only can the employee **scan** his card at the beginning and end of each shift, but also when his job...

...the symbology of choice today.

SMALL RETAIL

Retail applications include point-of-sale (POS) scanning, **inventory** control and time and attendance. POS scanning was covered last month in Part One. The...

...computer could easily handle the task.

The other popular bar code application in retail is **inventory** control. Automatic **inventory** can be kept up to date with a good POS system, but at times a complete physical **inventory** must be performed for adjustment. In other instances, a POS price look-up system is not installed, however, with a DET installed next to the register, the clerk can **scan** an item as it is sold or returned. This transaction would automatically update the **inventory** database. A portable data entry terminal can be used for scanning the store shelves and...

...on the host computer. Exhibit 4 is an equipment list and cost estimate of an **inventory** control system for a retail store that does not have a POS price-look-up...

...One of the major headaches managing an office of three or more professionals is keeping **track** of files and other material withdrawn from a company's central filing room or library...other office furnishings is a traditional office application for bar code technology. The ability to **track** assets from the time of acquisition until retirement is crucial for high productivity and accurate...

...benefit from the use of bar code.

Few people realize the amount and variety of **inventory** that must be maintained to effectively operate a medical or dental office. Since many items are disposable, keeping **track** of **inventory** levels as well as capturing the billing information for patient accounting is automatic with bar...

...DET in the CSR, and a host computer with scanner attached in the office area.

Label printing occurs in two locations. **Inventory** labels can be printed on the office laser printer or on an inexpensive thermal printer...
...arriving, deliveries are received, labels are generated for each item, applied and scanned into the **inventory** database. Non-chargeable items are **assigned** identification numbers with a unique prefix. These labels can be printed on-demand, or a library of labels for all **inventory** SKUs can be printed ahead of time in batch mode. The next task is re...

...generated listing all items, both chargeable and non-chargeable, that have fallen below preset minimum **inventory** levels. The office manager then re-orders the necessary stock, either manually or electronically.

Exhibit...

...software and hardware components whenever possible, implementation can be straightforward. Attention to the bar code **label** content and quality should always be the primary focus, however, as any bar code system...

PRODUCT NAMES: 3573243 (**Barcode** Readers)

19941201

8/3,K/10 (Item 1 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB

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09133311

SUPPLIER NUMBER: 18876627

(USE FORMAT 7 OR 9 FOR FULL TEXT)

Circulation listings. (periodical publishing) (Directory)

Folio: the Magazine for Magazine Management, v25, n18, p37(37)

Annual, 1997

DOCUMENT TYPE: Directory

ISSN: 0046-4333

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 30247 LINE COUNT: 02703

... service--Our staff of professionals Our team of top-flight specialists, all with a proven **track** record in the field, know that every marketing effort must create impact. Convey information. And...economical postal routes to anywhere in the world.

Value Added Services: Distrimail can provide polywrapping, **label** generation from tape or disk, **label** affixing, caging and cashiering, fulfillment, airport to door or door to door airfreight services to...

...Sophisticates, Social/Literary/ Business, Sports/Outdoors, Teenage, Travel, Video, Western, Women's Interest.

Distribution Services:

- * **Assigned** Account Executive
- * Complete In-House Promotion Department
- * Extensive Market Research Capabilities
- * Proprietary Sales & Marketing **Assignment** System
- * Extensive Chain Marketing
- * Experienced Circulation Staff/Field Reps
- * Data Base Computer Network
- * On-Line...Worldwide delivery monitoring, list editing and address correction, international business reply, multi-lingual consultation, computerized **label** generation, magazine polywrapping, computer audit reports, complete freight forwarding services.

Magazine Clients: Worldwide publisher client...National Distribution Program offers the following to all our publishers for free: a front cover **scan** in our catalog, promotions in our weekly Hypesheets and Buzzsheets, nationwide service to chains and...Sophisticates, Social/Literary/ Business, Sports/Outdoors, Teenage, Travel, Video, Western, Women's Interest.

Distribution Services:

- * **Assigned** Account Executive
 - * Complete In-House Promotion Department
 - * Extensive Market Research Capabilities
 - * Proprietary Sales & Marketing **Assignment** System
 - * Extensive Chain Marketing
 - * Experienced Circulation Staff/Field Reps
 - * Data Base Computer Network
 - * On-Line...received daily is deposited the next morning in total proof. All mail received prior to **label** run day is included in that run.
- Company Statement: "If your circulation list is too...form and Xerox cut-sheet laser printing, impact printing, Ektajet and Admark inkjet addressing, barcoding, **label** /stamp affixing, tabbing, bursting and folding, commingling, Express Mail Network, in-house post office, and...

...in unique, tailored Customer Service Centers. The services include:

- * Billing and renewals
- * Membership
- * Customer service
- * **Label** preparation
- * Lettershop services
- * File updating
- * Postal presorting
- * Information reporting
- * Circulation Modeling

For description of Neodata...and List Services. Equally advantageous is that all mail received within 48 hours of a **label** run will be opened and entered into the system. This has proven to have a...in virtually any format

- * Custom bills and renewals
- * Detailed and useful reports
- * CASS Zip+4, **barcode** , carrier route, firm bundle
- * PAVE presorts for best automation rates
- * ACS automated address correction

* International...

...cycle including credit check, order preparation, telesales, generation of shipping documents and invoices, backorders, and **inventory** control for single or multiple warehouses. Additional benefits include ease of implementation, unsurpassed flexibility and...

...T and B) develops long-term relationships through total commitment to client success.

Additional Modules: **Inventory**, Royalty, Book Club, Advanced Integrated Mailing, Advertising Sales, List Management, Database Recovery, Sales Analysis, Standing...Systems: Book Fulfillment, Subscriptions/Periodicals, Membership/Dues Billing Customer Service & Collection, Consignment Sales, A/R, **Inventory** Management, Sales & Marketing, Standing Orders, Royalties, Financial Reporting, List Management, Demographics and more. TOPS is...

...customers with superior customer service. Features include order processing, shipping and fulfillment, accounting promotional analysis, **inventory** control, ABC/BPA audits, continuing education credits, OCR **barcode** for scanning invoices/renewals, and much, much more.

Customer list: Barclays Law Publishers American Health...

...cycle including credit check, order preparation, telesales, generation of shipping documents and invoices, backorders, and **inventory** control for single or multiple warehouses. Additional benefits include ease of implementation, unsurpassed flexibility and...T and B) develops long-term relationships through total commitment to client success.

Additional Modules: **Inventory**, Royalty Book Club, Advanced Integrated Mailing Advertising Sales, List Management, Database Recovery, Sales Analysis, Standing...

...299-0206

Products: PUB5 Database Marketing and Fulfillment System. Fully integrated Subscription & Product Fulfillment w/ **Inventory**, Telemarketing, Reader Service, ABC/BPA Audit and Advertising Sales.

Features: Graphical user interface combines sophistication...

...Our fingertip environments integrate: Customer Service Subscription & Merchandise Order Processing Circulation Management & Audits Fulfillment, Logistics & **Inventory** Management Marketing & Merchandising Operations & Administration

ZZ Soft (See our listing under Fulfillment: In-House Circulation... cycle including credit check, order preparation, telesales, generation of shipping documents and invoices, backorders, and **inventory** control for single or multiple warehouses. Additional benefits include ease of implementation, unsurpassed flexibility and...

...T and B) develops long-term relationships through total commitment to client success.

Additional Modules: **Inventory**, Royalty, Book Club, Advanced Integrated Mailing, Advertising Sales, List Management, Database Recovery, Sales Analysis, Standing...outbound 800 numbers sweepstakes processing, full cashiering services, online/internet fulfillment, survey tabulation, list management, **label** preparation in a wide variety of formats, customer service, full response reporting.

Area of Specialization...classes of mail with prompt computer-generated reports which compare actual results to drop plans. **Track** promotions magazine delivery, billing and renewal series. Optional Same-Day Service. Hundreds of monitoring locations...

...demographic and lifestyle data and database marketing services and a data analyst for the motor **vehicle** industry. Polk provides Multi-Dimensional Intelligence needed to make informed decisions.

The Lifestyle Selector(R...

...appending, geocoding and demographic data appending.

Matchmaker By overlaying your subscriber list with car and **truck** purchase information, Matchmaker provides you with a comprehensive automotive purchase profile of your subscribers.

Descriptive...Fully automated

- * Bilingual English/Spanish available
- * Highly trained telephone representatives
- * Industry experienced Program Management Team **assigned** to your account
- * Call monitoring and verification

NTS Marketing, Inc. 1616 Main Street Lynchburg, VA...

...days a week. Telephone & mail order processing, online customer care (including order status. On line **inventory** , and customer database management). Next-day product and literature fulfillment, credit card and check payment...Predictive dialing

- * Bilingual English/Spanish available
- * Highly trained telephone representatives
- * Industry experienced Program Management Team **assigned** to your account
- * Call monitoring and verification

Lester Telemarketing, Inc. 19 Business Park Drive Branford...

19970000

8/3,K/11 (Item 2 from file: 148)
DIALOG(R) File 148:Gale Group Trade & Industry DB
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08124425 SUPPLIER NUMBER: 17389671 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Plastics technology: manufacturing handbook & buyers' guide 1995/96. (Buyers Guide)
Plastics Technology, v41, n8, pCOV(941)
August, 1995
DOCUMENT TYPE: Buyers Guide ISSN: 0032-1257 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 174436 LINE COUNT: 15187

... HMW-HDPE is 30 lb/in. of die circumference. Bag machines include three-and four- **track** t-shirt models, processing up to 80-in. webs.

AMERICAN BARMAG CORP.

Blown film systems...parallel-screw configurations for PVC extrusion of pipe, window lineals, siding, and custom profiles. High- **inventory** pipe tooling and coextrusion blocks for siding with cap-stock. Special version of the double...screen changers, dies, air knives, antistatic baths, shears and winders.

Maintains a comprehensive spare parts **inventory** . Field service team assists customer requirements.

WERNER & PFLEIDERER CORP.

ZSK twin-screw, corotating, intermeshing extruders...in desired sequence. Total Time Accumulator determines total amount of foam dispensed to ensure better **inventory** control and planning. Optional digital ratio-monitoring system tracks component flow ratio and alerts operator... force, variable clamping pressure, adjustable-position pulling cleats, and pneumatic raise/lower function on upper **track** system. Traveling saw table has pneumatic clamping.

Model 240 has 24 x 8 in. envelope...patented door assemblies, hydraulically operated cylinders, fans, electric heaters, cooling-coil heat exchangers, and internal **track** . Other components include preassembled and piped vacuum supply platforms for quick field installation, control panels ...or on-machine mounting. Microprocessor controls provide accuracy to + or -|0.05% by weight. Continuous **inventory** monitoring of all ingredient throughputs is standard. Feed and control options include plantwide data acquisition...driven computer controls. Several of these units can interface with each other for total plant **inventory** control. Model 402B batching loss-in-weight blender available with powder feeders.

Patent-pending 470...that type most efficiently. Reports include material planning, manufacturing efficiency, utilization, analysis, and product costing.

Inventory module maintains raw, WIP, and finished goods; offers user-defined units of measure; displays product...
...other release capabilities. Has bar-code printing and reading interfaces for shop-floor reporting and **inventory** management. Interfaces provide

direct connection to production machines.

DATAMYTE DIV., ALLEN-BRADLEY CO.

Series 900...compatible and can be used in the same system, allowing for easy upgrading. Systems support **barcode** and a-c gauging instruments. The 4000, 5000, and 6000 series support outputs for stacklights...

...are standard. System supports a factory network of portables and fixed micro-terminals with attached **barcode** or magnetic-card readers. It generates ID cards, plant travellers, material tickets, etc., for fast...

...supports SPC data collection, product-liability tracking, mainframe-style restart/recovery capability, and AIAG-approved **barcode label** generation for laserjet and Epson emulation printers. MAP capability is assured.

HUNKAR LABORATORIES INC.

Systems...

...FEM, integrated accounting, manufacturing planning, mold and tool tracking, equipment maintenance, barcoding and data collection, **inventory** control, capacity planning, scheduling, order entry, EDI, purchasing, human resources, SPC/SQC, machine monitoring and...later without upgrade penalty.

Molders Office+ and Mold Builders Office+ modules automate accounting, order entry, **inventory** control, invoicing, and purchasing functions. MRP II is available for these programs, and an entry...

...of materials, material requirements planning, purchasing, receiving, shop-floor job tracking, job costing, shipping, billing, **inventory** control, sales analysis, accounts receivable, accounts payable, payroll, and general ledger.

Latest version includes functions...

...machines and as many as 2000.

Integrated application groups include access control, area data collection, **barcode** design and printing, finite scheduling, labor tracking, MRP interface, RF area data collection, time and attendance, SPC, PLC interface, process graphics, preventive maintenance, and sensor-based real-time production monitoring. **Inventory** control and lot tracking are in development.

Many of the application groups are available off...

...Quality Monitor is a configurable plant-floor SPC-datastation package. Collects data from keyboard input, **barcode**, and measuring devices with serial RS-232 communications. Operator screen, prompting, and help messages can...

...up selection lists, multiple natural-language capability, etc. Fully integrated modules include shop-floor control, **inventory** management, purchasing, material requirements planning, order processing, sales analysis, and bill of materials. Accounts payable...management, material requirements planning, master scheduling, job costing, accounts receivable and accounts payable, general ledger, **inventory** management, customer order entry, work-order processing, shop-floor job tracking, and labor performance.

Other...in plastics extrusion, PLC programming, and PC networks. System consists of touchscreen graphics, recipe management, **inventory** control, major/minor ingredient blending for liquids and solids, historical trending, SPC/SQC data acquisition...control of clamp. Additional modules can be used to control pick-and-place robots, conveyors, **barcode** readers, and other functions. Operator-interface software and cell-level controls with SPC/SQC functions...each zone, storage of four groups of settings in RAM, error analysis and fault displays, **assignable** zone numbers, and uniform heat-up (all zones heat up according to rate of slowest...

19950800

07820745 SUPPLIER NUMBER: 16008620 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Foodservice almanac software directory: a complete listing of packages for every phase of your operations. (Directory)
Casper, Carol
ID: The Voice of Foodservice Distribution, v30, n6, p59(12)
May 15, 1994
DOCUMENT TYPE: Directory LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT;
ABSTRACT
WORD COUNT: 7690 LINE COUNT: 00706

... are becoming standard in packages designed for foodservice distributors. Among them are radio frequency and **barcode** capabilities in the warehouse, to laptops for salespeople, direct access systems for customers, and EDI...

...P. Underhill

FOOD MANAGEMENT SYSTEM (FMS)

Fully integrated system for food distributors. Modules include warehousing, **inventory** control, purchasing, order entry/invoicing, sales/profitability analysis, vendor-rebate tracking, AR, AP, GL, food...
...discounting, commissions, promotions/allowances, deals/rebates/off invoices/ free goods, purchasing, sales analysis, credit management, **inventory** control, warehouse management, route/delivery management, yielding/bill of materials, lot accounting, AR, AP, GL...

...7186 Contact: Stephen Smith

FOOD DISTRIBUTION PROCESSOR FDP (TM)

Custom software includes order entry/invoicing, **inventory**, purchase orders: AR; AP; GL. Options: payroll, **vehicle** maintenance, fixed assets. Features contract pricing, catchweights, customer price books, history recall, seasonal **inventory** indicators, multiple warehouses, broken case sales, stock control, routing control, sales analysis, extensions for dairies...

...ABM AS/400 and System/36. Modules include: order entry and invoicing, sales analysis, purchasing, **inventory** control and management, AR, AP, GL, and payroll. Applications can work together or individually. 1994...

...for wholesale food and foodservice distributors. Modules include: order entry, sales analysis, price maintenance, purchasing, **inventory** management & planning, AR, AP, GL, fixed assets, **inventory** accounting, warehouse management. Order processing with flexible pricing, substitute/complement items, quotes, order history, sales...

...Utilizes advanced relational database capabilities of the AS/400 to integrate sales-order processing through **inventory** management/purchasing, and financial functions, for a complete business management and reporting system. Custom program...

...distribution using AS/400 to operate in native mode. Includes integrated modules for purchasing, receiving, **inventory** control, order entry, route scheduling, invoicing, sales analysis, AR, AP, and GL. Additions include radio...

...0

The next generation of wholesale food distribution software. Food Distribution Mgmt. System includes: purchasing, **inventory** control and warehousing, order processing, price books, food show module, AR, AP, payroll. Additional packages include: DSR laptop interface, on-line fax, EDI, **barcode** warehouse, PIR **inventory**, and MSI/Telxon systems. Based on advanced Synergy Application Development Environment, EAGLE V5.0 offers...

...8451 Contact: Vic Hamilton

FOOD DISTRIBUTION APPLICATIONS

Fully integrated Food Distribution Software Applications, include: billing, **inventory**, sales analysis, bid contracts, spiff tracking/vendor rebates, purchase-order mgmt. w/SOQ, **vehicle** record keeping, suggested retail pricing, AR, AP, GL, bill of materials processing, and trade-show...

...LABATT DATA PROCESSING SYSTEM

Integrated system assists management-level decision making. Package emphasizes modules to **track** gross margin components. Other modules include: integrated vendor review systems, purchasing/receiving, **inventory** management, order processing, AR, AP, GL, payroll, sales/driver/warehouse commission systems, error tracking for statistical quality analysis, just-in-time letdowns and reserve slotting, multiple-warehouse **inventory** /purchasing systems, and customer database for tracking bid awards.

Hardware required: IBM AS400.

MANCO MARKETING...

...5585 Contact: Bob Steinis

CONTROL

Specialized for food distributors. Includes order processing, picking, routing, invoicing, **inventory** control, purchasing, commissions, AR, sales analysis, price books, product catalogs. Accommodates catchweights, splits, multiple slots...

...loan equipment, food shows, remote order entry, bar coding. Companion systems include AP, GL, payroll, **vehicle** maintenance, salesrep laptop system, PC interfaces.

Hardware: Any model DEC.

NEW ENGLAND COMPUTER SERVICES, INC...

...245-4513 Contacts: Chris Anatra, Harold Haynes

NECS FOOD DISTRIBUTING SYSTEM

Order entry, accounts receivable, **inventory** control, and purchase-order system for use as standalone or in a multi-user network environment. **Barcode** module prints labels for **inventory** receiving and **barcode** order sheets. Remote laptop system available. Standard features include unlimited pricing levels, catchweights, tracking cash receipts and backorders, and processing features such as yield percentages and **inventory** kits. GL, AP, and payroll available.

Hardware: IBM 386 compatible or better with hard drive...

...Thomas F. Ward

PROPHET 21 SYSTEM

Fully integrated on-line, interactive business-management system. Includes **inventory** control, automatic purchasing, product delivery, billing, EDI, with user-friendly features adapted to the distributor...
...meet the specific operational and accounting needs of foodservice distributors. Software modules include order processing, **inventory**, sales analysis, purchasing, AR, AP, GL, payroll, and a companion laptop system. Features include: catchweights, deals, single item number for cases and broken case units, suggested buying, extensive pricing options, **truck** routing and interface for Roadnet, pick-up processing, hazardous materials tracking and reporting, lot tracking...

...multi-warehouse environment. Includes: order processing, warehouse management, quotation and bid management, sales analysis, purchasing, **inventory** control and management, AR, AP, GL, and financial reporting. Plus interface to portable data-entry devices, customer remote order-entry system, catchweights with user definable min/max tolerances and **barcode** interface capability, multiple pricing units of measure, multiple picking capability--pallet, order, bulk, **label**, **truck** routing and driver reconciliation, profitability analysis including labor costs.

Hardware: IBM RS6000; any UNIX-based...

...provide instant answers for the business. Modules including: order processing/billing, telesales, pricing, sales analysis, **inventory** management & control, purchasing, deals, route control, EDI, beverage equipment control, credit control with financial applications...

...planning of a refrigerated wholesale food distributor. Totally integrated system from order entry through shipping, **inventory** control, purchasing, and accounting. Features include sales lists of customers to call each day, allocation of oversold items, creation and summary of pick tickets, **truck** routing for efficient delivery, date and lot number control. Allows negative balances of items in **inventory** and selling out of a specific lot number. **Inventory** contains cube, standard and

catchweights.

Hardware required: IBM AS/400 or S/36.

WORLDWIDE CHAIN...

...for larger operations. WCSS also offers real-time control warehouse automation software using RF and **barcode** technology, for AS/400 platform.

Hardware required: Mainframe or IBM AS/400.

II. SALES AND...

...the order-entry process. Reduces DSR calls to office. Provides DSR with information on product, **inventory** availability, AR, pricing, and more, facilitating a more consultative sale, resulting in better account service ...

...and project budgets. Users can create special reports and extract/download data to order entry, **inventory** and accounting systems.

Hardware: IBM PC 386, 486 or compatible; CD-ROM drive.

COMPUTRITION, INC...

...increase number of items ordered and margins.

THE CONSULTANT CBMS

Customer business management system with **inventory** control and remote order entry for operators. Designed to improve profitability.

PROFIT MANAGER

Cost-control...

...guides, computerized catalog and price book, electronic message system, and menu costing. Customer module includes **inventory** control.

Hardware: ADAM PC Receiver Tower, laptops and PCs of user's choice.

(See other...

...for use by foodservice operators at their locations. Includes direct order entry, food-cost management, **inventory** tracking, XPD-Database information display, and order transmittal.

ISS-LINK

PC-based local area network...for sending and receiving data anywhere. With electronic price book, commission by item, on-line **inventory** stock status, standard and customizable order guide, portion cost, fast product search, sales history, customer...

...history, nutritional information, embellishments, customer and prospect scheduling, messaging, user-defined reports.

III. PURCHASING AND **INVENTORY** CONTROL

BACG, INC. (See listing in Warehouse category)

E3 ASSOCIATES, LTD. 1800 Parkway Pl., Suite...

...La. N. Bethesda, Md. 20852-2934

E3TRIM Easy-to-use, on-line, integrated purchasing and **inventory** -management system designed to help foodservice distributors achieve high service levels and maximum profitability. Forecasts...

...order writing, tracking, and receiving, projection and order analysis.

Hardware: IBM AS/400.

IBM CORP. **Inventory** Solutions P.O. Box 2150 Atlanta, Ga. 30055

Contact: Marshall Evans or local IBM sales rep.

INFOREM III - **INVENTORY** FORECASTING AND REPLENISHMENT PACKAGE

Solution to **inventory** management problems of optimizing balanced **inventory** and maximizing customer service. Builds from existing stock status system to generate optimum suggested purchase...

...when to purchase, how often, and how much to purchase for a company's staple **inventory**.

Hardware required: IBM System/370 (VSE/SP, MVS/XA, MBS/SP or MVS/ESA environments...

...Martin

LOGICNET SOFTWARE

A Windows-based distribution resource planning (DRP) program designed to formalize the **inventory** demand management process between end-users, wholesalers/distributors, and manufacturers. Built around a

spreadsheet-like engine that displays, tabulates, calculates and maintains **inventory** planning data at the SKU and store/distribution center level, by accessing IRI's **scan** database. Modules include: link, commit, replenish/deploy, load, combine, and maintain. Business partners can use...

...708) 517-1116 FAX: (708) 517-1138

Contact: James L. Meece

OMI SYSTEMS 90'S **INVENTORY** MGMT.

Software enables turn, promotion, and forward buy **inventory** management via item, vendor, warehouse planning modules, statistical forecasting, allocation/load building, and these on-line modules: recommended PO review, integrated diverter ordering, inbound tracking, receiving, directed putaway, **inventory** tracking, warehouse transfers, and vendor invoice/PO matching for accounts payable.

Hardware required: IBM System...

...for lift trucks or other equipment. Generates and controls work orders, preventative maintenance schedules, maintains **inventory** control, calculates maintenance cost per hour. Data fields are set up for lift trucks, but...

...loading. Performance reporting and scheduling may be based on historical data or engineered standards. Work **assignments** are down-loaded to CALM from host billing system, allowing managers and supervisors to access amount of time required to complete outstanding work **assignments** or monitor performance. Flexible report formats allow users to select amount of detail and range...automation functions including receipt scheduling, catchweight processing, directed, interactive putaway and replenishment, as well as **label** -based or RF-based picking and shipping. WCS/400 supports RF and barcoding systems as...

...285-3311 FAX: (616) 285-3312

Contact: Karen McCullough

VIAWARE (TM)

Warehouse-management system for **inventory** control, task dispatchment, lot control, and ex-piring goods tracking. By use of barcodes, laser...

...leading-edge automation techniques such as radio-frequency communication, bar coding, and EDI. Includes critical **inventory** management functions that ensure time savings and proper handling. Provides solutions to order entry, purchasing...

...within warehouse, replenishment, picking, shipping, cycle counts, and inventories.

Hardware: IBM-compatible PC, report printer, **barcode label** printer, portable handheld RF bar code readers, and RF base station/controller. (See other listing...

...group integrity requirements based on item demand and/or characteristics, interactive "point and shoot" slot **assignments** /reassignments, flags mis-slotted items. Interfaces with warehouse and order management systems via ASCII data...

...from your mainframe buying system. Reports on "Lost Opportunities" for increasing backhaul profits. Truckload carrier **assignment** by cost and LTL consolidation. Easy-to-use mouse support with pulldown menus and context...

Ill. 60606 (312) 527-2570 (800) 366-2570 FAX: (312) 606-0220

Contact: David Wilson

VEHICLE SCHEDULING AND CONTROL SYSTEM

Controls routing, scheduling, and dispatching of delivery fleets using engineered standards...

...computers and produces management reports and graphs. Modular nature allows users to start with simple **vehicle** data analysis, then add driver-produced data such as delivery info, DOT hours of service, and fuel tax records. Depending on configuration, software provides analysis of: trip activities, driver & **vehicle** performance and utilization, delivery productivity, accidents, fuel economy, state fuel tax, DOT

logkeeping/available hours...

...managers meet operational needs while reducing costs and improving customer service. Modules include driver and **vehicle assignment** and tracking, history capture, multiple depot routing, and dynamic delivery locating. System includes mapping functions...

...with NOMAD-X, enables user to manage all aspects of inbound receiving cycle, including carrier **assignment** and routing control. Provides access to routing power of NOMAD-X for all inbound contracted...

...five or more vehicles. System meets routing constraints such as actual drive time, delivery windows, **vehicle** capacities, backhauls, and others. Features include color maps and graphics, report writer, on-line help...

...N.C. 27709-3684 (919) 549-0023 FAX: (919) 549-9710

Contact: Dan Basmajian

PERFORMANCE **TRUCK** -ROUTING SYSTEM (PTRS)

Cost-effective **truck** -routing tool. Route-planning module allows creation of master routes using one-week order forecast...

...customer time windows, and reducing overtime. Cost calculations based on cost per mile for each **vehicle** and cost per hour for each driver. Matches daily order information with customer profiles, computes...

...on-screen, recalculates loads, distances, and costs as router makes changes, considers DOT parameters when **assigning** drivers, and provides manifests and cost analysis reports. OS/2 operating system with multi-tasking...weeks and days of week, consider accounts with variable delivery possibilities, maximize selling time and **vehicle** utilization, determine optimum number of routes, determine which depot would best serve an area when...

...703) 790-8300 FAX: (703) 790-8333

Contact: Susan Barry Hovermale

ROADSHOW

A PC-based **vehicle** -routing and -scheduling system that analyzes data about a company's distribution operation and calculates...

...down factors, bridges and road construction. Increases fill rates while reducing drive times, mileage, and **vehicle** costs. Handles service variables such as off-day deliveries, new customers and seasonal orders. Manages...

...Contact: David J. Ross

ROUTEPLANNER/LOADPLANNER/NETWORK-PLANNER/SERVICEPLANNER

Microsoft Windows-based systems for automatic **vehicle** loading, routing, and scheduling of multiple vehicles for pickups and deliveries on longhaul and local...

...efficiency by locating each customer down to individual street addresses and determining optimal routing and **vehicle** loading based on weight and volume constraints, customer time windows, uploading times, and total available...

...N.C. 27401 (910) 333-2580 FAX: (910) 333-2584

Contact: Pete Paquette

SHOPFAX (R)

Vehicle information system for fleet maintenance operations. Schedules preventive maintenance, tracks **vehicle** history, parts **inventory** /re-order, warranties.

Hardware: 486, RISC6000, Altos 3068, PC network.

XATA CORP. 500 East Travelers...based products such as seafood, meat, and poultry. More than an accounting system, provides accurate **inventory** control, margin management, and distribution sales tools in cost-effective, fully integrated, multi-user system. On-line customer sales history, **inventory** availability, and automatic credit checking. Daily margin by item and by customer reports identify "bad" business, and hold salespeople accountable. Actual costing means companies work with precise weight and

cost **inventory** , eliminating unexplained variances.
Hardware required: IBM PC compatible, Novell network.
VANDEMARK PRODUCTS 1307 W. Main...

19940515

8/3,K/13 (Item 4 from file: 148)
DIALOG(R) File 148:Gale Group Trade & Industry DB
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07802323 SUPPLIER NUMBER: 16743796 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Logistics on the cutting edge of wireless.(includes related article)(Cover Story)
Harler, Curt
Transportation & Distribution, v36, n3, p30(5)
March, 1995
DOCUMENT TYPE: Cover Story ISSN: 0895-8548 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3855 LINE COUNT: 00312

ABSTRACT: Wireless and cellular communication will change logistics and **inventory** control with innovative transmission systems by 2000. Companies such as United Parcel Service and Northern...

... flexible logistics. The latest developments will allow use of cellular to transmit shipment data and **track** vehicles via the cellular phone network.

One example of how we are cutting the cord...

...the country with wireless communications capability to provide real-time package tracking and real time **vehicle** dispatch and rerouting. The biggest disadvantage to cellular was dealing with multiple carriers and the ...

...picking, the RF system does the pick-and-put verification, allowing the company to keep **inventory** updated in real time.

Norand Corp., Cedar Rapids, IA has a software gateway that allows...

...and distributors a flexible and comprehensive business management software system. The software is designed to **track** data from multiple locations or multiple businesses, making Express Point an effective management tool for...

...reports can be generated on such topics as budgets, revenue, income, purchasing, employees and many **Inventory** management capabilities include a Product Look-Up feature that allows the user to identify each...to automate the supply chain management process. Products include: POS Intelligence Service, a vendor-managed **inventory** solution that helps retailers forecast demand and manage merchandise replenishment: ASN Plus, an advanced ship...

...service that allows suppliers to automate shipments to trading partners using scanning and bar code **label** technology: Freight Payment Service, a highly automated, cost-effective freight bill audit and payment service...

...manager for Motorola's Information Systems Group, his firm reduced warehouse space by 50% and **inventory** by more than a third when it combined EDI capabilities with Just-In-Time processes...

...units," Salemi says.

In addition to the EDI system, they instituted a parallel program, Material **Inventory** Tracking and Control. MITC tracks material from the suppliers.

"GEIS's supply chain management solutions...

...shippers with the ability to electronically receive, audit, and pay freight bills, as well as **track** shipments en route.

Rapidly increasing shipment volumes have created a challenge for shippers to better manage the process and **track** shipment status, often

using "just-in-time" and "quick-response" mechanisms. Many companies currently use...basements to open, million-square-foot warehouses. In the past, we've used paper-based **inventory** management systems, but our experience with the massive need for goods after Hurricane Andrew and...

...disaster operational headquarters. The Red Cross central logistics database enables it to provide a current **inventory** of all relief material on hand for the entire operation.

A secondary system requirement was...

...detailed all of the time," said Mr. Hoffman. "The new system should enable us to **track** items to their ultimate destinations at shelters and kitchens."

Simple setup and ease of ...TM] (one as a database server), a Canon[TM] portable printer, a Radix[TM] portable **barcode** printer, and one-to-four handheld DTR-2s outfitted with Maxtor[TM] PCMCIA hard disk...

...pallet/lot level. These bar codes greatly increased the efficiency of receiving, shipping, and physical **inventory** operations. Nonexpendables and serialized items were bar coded individually to allow continuous tracking of their **assignments** and eventual return to the warehouse. Spectraphysics laser bar code scanners attached to the keyboard ports of the Thinkpad and DTR-2 hand-helds were used to **scan** Red Cross UPC codes on incoming food items.

The advantage of using a 486-based...

...American Red Cross is currently preparing a pre-pilot evaluation program of the system's **inventory** control and management capabilities at their national supply warehouse in Lorton, VA. After the product...

...DESCRIPTORS: **Inventory** control
19950300

8/3,K/14 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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06757539 SUPPLIER NUMBER: 14561416 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Software for purchasing. (Office Products & Business Systems) (Buyers Guide)
Purchasing, v115, n6, p49(6)
Oct 21, 1993
DOCUMENT TYPE: Buyers Guide ISSN: 0033-4448 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 6688 LINE COUNT: 00572

...ABSTRACT: can be utilized as stand-alone or integrated with materials management systems as well as **inventory** management systems that are capable of purchasing order writing and tracking.

... system can be used as a stand-alone or integrated with materials management offered, including **inventory** control and accounting, requisition management, bid, and accounts payable systems. Provides centralized control for multiple...

...order status); vendor performance module (with rating of delivery, price, quality, and overall vendor performance); **inventory** control module (with **inventory** status, usage history, and automatic reorder analysis); and an accounts payable interface module that allows...

...694-2904

Applied Micro Business Systems. STOCK-MASTER 4.0 is a micro-based comprehensive **inventory** management system with purchasing order writing and tracking capability. Purchase orders are monitored on an...

...analysis. Purchase order writing and tracking functions are fully integrated with STOCK-MASTER 4.0 **inventory** management system. Tel: (714) 759-0582

Armor Systems. Armor Systems offers a comprehensive Purchase Orders...

...accompanying details. The Purchase Orders module posts all data specified and transfers data to the **Inventory** Control module. The system will **track** items and purchase order status by department, vendor, or other category. It also can quickly...

...used with Purchase Orders include Accounts Receivable, General Ledger, Payroll, Accounts Payable, Order Entry, Billing, **Inventory** Control, Fixed Assets, Point of Sale, Quick Sale, Job Cost, Bank Reconciliation, Customer Information, Time...

...and for high-volume, repetitive, and JIT manufacturers. Functions include multiple plant integration, electronic zero **inventory**, international and multinational enhancements, and improved user interface. Multiple plant integration allows MANMAN systems at two or more locations to be integrated. Popular applications are electronically initiating and tracking **inventory** transfers between sites and maintaining a central bill of materials. Tel: (415) 962-1974

Auditrol...

...tracking, and vendor performance ratings; requisitions, with requisition entry and automatic conversion to purchase orders; **inventory**, with **inventory** balances tracked at multiple **inventory** warehouse locations; request for quotations, with RFQ generation for selected vendors, vendor bid entry, and...both regular orders and those that require special handling, such as requisitions, bids, contracts, non-**inventory** effecting orders, etc. Extensive use-oriented features include flexible status **assignment**, document scheduling, EDI transmittal of purchase orders, price maintenance, vendor performance analysis, receiving, invoice costing...

...arithmetic capabilities. Fully integrated with Cardinal's entire PRO/FIT Network including Sales Order Management, **Inventory** Control, Accounts Receivable, Accounts Payable, and General Ledger. Tel: (502) 426-5463

Cincom Systems Inc...

...million range. Package provides the purchasing planner with detailed schedules of component requirements. Its zero-**inventory**, daily bucket, lot-for-lot approach allows purchasing managers to establish JIT systems with vendors. It captures all **inventory** transactions in a disk file audit trail allowing the user to generate purchase price variance...

...a complete purchasing system from requisitions and purchase orders to receiving and automatic update of **inventory**, vendor, and purchasing history files. POs can include essentially an unlimited number of items for **inventory** and non-database as well as contract type POs with free-form text. Charges can...

...The DBS Purchasing Systems are part of an integrated materials management solution which consists of **inventory**, purchasing, and accounts payable modules. The purchasing System is an on-line, real-time system... Tel: (508) 370-5146

Dynamic Software. QPII is a high performance, dedicated purchasing management and **inventory** control system. It can improve the productivity of any purchasing department that has one or...

...Software Inc. Purchase Order System features include automatic interface to general ledger and accounts payable, **inventory** sales analysis, and hospital materials management systems; complete interactive purchase order and requisition creation on...

...analysis. Optional modules include on-line and remote purchasing requisitions with authorization level security codes, **Inventory** with multiple site and consignment plus ABC analysis and **inventory** planning features, **inventory** withdrawal requisitions, request for quotation and quotations analysis, and many different communication modules which facilitate...

...Systems Group. Blue Chip MRO Materials Management System is an on-line fully integrated purchasing/ **inventory** control software system. The system is designed for the procurement and control of MRO supplies...

...supports the complete procurement cycle from requisition through payment of the invoice. The vendor file, **inventory** file, and accounting file make up the database from which all the other documents are...

...Purchase Order Management module is fully integrated with IMREX International Logistics System/400 order entry, **inventory** management, and accounts payable modules. The system provides for complete control over vendor schedules, shipments...

...system can accept manual inputs or automated suggestions based on order point processing in the **Inventory** Management module, or purchase orders can be directly initiated from within the customer Order Entry...

...in advance to schedule future shipments to one or many distribution centers or internal warehouses. **Inventory** that is ordered but not yet received can even be reserved specifically for customer (DC...

...that automatically routes items to open market requisitions, term contract release orders, or demands on **inventory**; comprehensive audit trail; purchase history by item and vendor; automatic bid evaluations; and laser printed...includes automated request for quotations, electronic requisitions with on-line approvals, purchase orders, receiving, storeroom **inventory** control, and electronic catalogs. Optional systems include accounts payable, barcoding, and EDI. Topaz is designed...

...with substantial on-line help. Full audit capability and historical data retention also are provided. **Inventory** processing includes real-time allocation, multiple costing methods, full physical **inventory** subsystem, cycle counting, automatic re-order, and **inventory** analysis. Hard copy reports and on-line inquiries are standard in each module. TOPAZ operates

...environments. The three basic modules are the preventive and corrective maintenance module (M), spare parts **inventory** module (I) and purchasing/vendor control module (P). Each module was created to cover specific...

...System, which integrates with the Lawson Accounting System, includes order entry, sales analysis, purchase order, **inventory** control, demand forecasting, and accounts receivable. The Lawson Purchase Order System provides for exception identification...

...to quickly create POs to be sent to the supplier. Optionally, contract numbers can be **assigned** and contract related reporting done. Template orders can be created for repetitive POs. Vendor pricing...

...stock, non-stock, special, or service. Also, PO provide for drop shipments. The product will **track** additional costs such as freight and allow these costs to be included in the costing when **inventory** is updated. Tolerances can be defined for quantities and costs. These tolerances are then used...

...wide information; to execute sales and purchase orders, quotations, and contracts; to control and trace **inventory** by location and lot; and to save/receive a full compliment of EDI transactions. These...it vital to both the distribution and manufacturing environments. PO features include the ability to **track** receivings by lot and serial number; the use of multiple vendor part numbers for each...

...for both stock and non-stock items, as well as blanket POs, complete buy history, **inventory** control, RFQ generation, quote tracking, expediting, sourcing, and a complete ad-hoc report-generation system...

...compliant supplier performance rating. The MRP system is designed to aid the buyer in predicting **inventory** needs and quantities. The Power Note Pad function allows the buyer to **track** unrelated, vendor-specific, or date-specific notes, and generate tickle lists. The P-mail function...

...designed to address the unique requirements of MRO environments. PSI allows the user to reduce **inventory** expense, increase service levels, and achieve timely communication of strategic information throughout the

organization. PSI...factories. An optional maintenance module is available for those who require integrated plant, facilities, or **vehicle** maintenance. PSI runs on the entire line of HP3000 computers. Fax: (804) 499-7645

Software...

...the IBM AS/400. It is comprised of four integrated business applications: Purchase Management 2000, **Inventory** Management 2000, Bill of Materials 2000, and Order Management 2000, all fully integrated with a ...

...508) 771-9753

Software Technology. Purchase Pro2 is designed to generate purchase orders and requisitions, **track** current price quotes, and monitor outstanding POs. It also can perform **inventory** control functions and distribution management. Runs on IBM XTs or compatibles, and LANs. Tel: (801...

...for the management of the purchasing function. Purchasing may be driven by an order point **inventory** system, planned orders from MPAC Requirements Planning, the user's manual requisition system, or any...

...information may be monitored at the time of receipt to help in subsequent supplier selection. **Inventory** summary and open order detail information also is maintained as POs are issued or received. The purchasing system is fully integrated with MPAC **Inventory** Control, Master Scheduling, Requirements Planning, Accounts Payable, and EDI. The software operates on UNIX, XENIX...

...Fax: (203) 677-7157.

Supply Tech Inc. STBAR provides an easy-to-use, high-performance **barcode** labeling system that enables the user to select from a variety of barcodes. Custom formats...

...for an additional expensive graphics board, high-resolution monitor, or mouse. The software maintains all **label** data, (part number, supplier code, serial number; etc.) after the initial entry. A history file...

...are cross-referenced by lot number, serial number, customer code, and date so that all **label** history can be retrieved by any one or a combination of these parameters. An important feature is the ability of STBAR to receive a down-loaded file of **label** data from another computer application and print labels based on that file. This function can...

...processes, expediting processes, vendor processes/performance, receiving processes, and report processes. Value-added modules include: **inventory** management, hot-button FAX module, EDI module, account/budget module (three-way match of purchase...

...4716.

Vertical Technologies, Inc. Company's software includes BAR-ONE, software for creating and printing **barcode** and text labels to most dot matrix and laser printers. **SCAN** -ONE, a device driver **barcode** reader that decodes entirely in software. **WEDGE**-ONE, keyboard interface wand and CCD bar code readers. **TRACK** -ONE, a high-level user customizable database for tracking and managing assets, documents, people, and **inventory**. Programs available in DOS, Windows, AIX, UNIX/XENIX, and Mac environments. Tel: (801) 969-9678...

19931021

8/3,K/15 (Item 6 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
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06507563 SUPPLIER NUMBER: 14363147 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Computer-based system boosts plant efficiency, accuracy. (Ault Foods Ltd.)
Peverett, Tracy
Food in Canada, v53, n5, p40(4)
June, 1993

... shrink-wrapped into pallets. Once wrapped, each pallet receives a license plate, or bar code **label**, which identifies the contents of that pallet, including the product number, product description, the quantity...

...then on, that bar code will act as a source of identification, enabling employees to **track** the product as it moves around the warehouse and, eventually, out the door.

Once the...

...IBM AS/400 computer, which stores all of the frozen product division's order and **inventory** information. Rather than having to send physical pieces of paper containing that order information to...

...Associates, Mississauga, ON, manages all warehouse functions, including receiving, putaway, refills, picking, shipping, counting and **inventory** control -- all on a paperless basis. When orders are received, the system performs a function known as load planning, which allows the supervisor to **assign** each order to a picker and prepare it for shipment. The system sorts by date...

...be found at fixed points throughout the warehouse. Once at the location, the picker must **scan** the handheld first across the location bar code to confirm the location, and then across the palette **barcode** to confirm that the correct pallet has been identified.

Once the order is picked and staged, it is loaded onto a **truck** or trailer, but only after each pallet is scanned by the shipper. The system compares...

...filled, and the problem can immediately be rectified.

"What triggered this whole project was accurate **inventory**," says Devi Brooks, senior business analyst, Ault Foods. "Previously, we were having complaints about customers..."

...sent back to the Don Mills centre electronically. So, not only can the warehouse supervisor **track inventory** at any point within his own building, he can also communicate that information back to...

...head office, which can then notify the plant to increase production of that particular item. **Inventory** management benefits extend to Ault's Garyray warehouse. Rather than waiting for product to be at our fingertips. Rather than running an **inventory** once a day as we did in the past, now we just have to punch...

19930600

8/3,K/16 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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06501418 SUPPLIER NUMBER: 14124007 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Information technology and retail distribution. (Retail Distribution and Logistics)

Chain Store Age Executive with Shopping Center Age, v69, n5, p31A(9)
May, 1993

ISSN: 0193-1199 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 6438 LINE COUNT: 00482

... get, the better we get at using it. It gives us a seamless approach to **inventory** control and to using third-party providers.

In the past, third-party operators were used...

...at what kinds of imaginative uses might be emerging, based on our ability to keep **track** of information with IT.

Ken Thompson: Our numbers on third-party use would probably be...

...all the way back through the supply chain while you put your

distribution plan or **inventory** plan together, and tool your warehouses and manufacturing facilities.

With demand driven planning, you can...

...cut time dramatically, or increase velocity and cut waste. That means you'll reduce your **inventory** levels and improve customer service.

As a result you can attain significant competitive advantage. That... last function drawn in. As a transportation company we really need that same kind of (**inventory**) forecasting ability. The ability to look at our equipment pool from a long-term viewpoint...

...right points, based on the volume coming from that manufacturer, and that retailer?"

The 128 **barcode label** is a massive change. LTL (less than truckload) carriers today are not driven down to...

...consolidated with other merchandise destined to a similar point in the country. But, when the **truck** backs up to the dock, the freight is physically handled by people who take the merchandise off the **truck**.

In some cases, in our operation, we have drag lines. They are placed on carts...

...Loose carton freight comes off the trailer onto a conveyor system. Overhead scanners read the **barcode** on each and every carton. At the same time they're maintaining shipment integrity for...

...the ASN but also information saying this is to go to a particular apparel department **truck**, a general merchandise **truck** and other specific information.

Hutchinson: How much data do we think will fit in a...

...It's something on the order of 1,000 characters on a 2-in. square **label**. Those labels can be connected together to give pretty much what you're going to need.

And, these barcodes could be faxed. So a retailer could fax the **barcode** containing all of their order information to the manufacturer. And, they could **scan** that **barcode** into their order entry system ...in big trouble.

From our perspective, the idea is to have the supplier put one **label** on there that supports him, supports us, and supports the retailer. It's going to...

...a heck of a challenge on your hands with what's coming in on the **truck**. How do you **track** it? How do you trace it . . . outbound, inbound, not only in the facility? That's...

...quite difficult for us to throw that on an automated information device and try to **scan** it.

If we could just standardize. I don't think you're ever going to...

...from an enterprise viewpoint allows companies to consider the broader equation which includes the customer, **inventory** and manufacturing.

You can start to focus on making more intelligent tradeoffs between transportation expense...

...by managing more effectively.

One other element in getting better at scheduling is that your **vehicle** or **truck** is nothing but a warehouse on wheels. That starts to be counted as **inventory** within your system, because you have a much better idea when it's going to be delivered and you manage that as **inventory** in motion.

People didn't do that before because they couldn't be confident about when something was going to arrive at a destination. Now we extend that to actual **inventory** on that **vehicle** or within the LTL network, because I'm confident of its delivery status.

We went...Everybody is optimizing their own little world, even within an organization. You start talking about **barcode** labeling. It's the same issue. You have a shipper and move it to this...

...to it.

It's multi-functional in that if merchandise is received, and it's

assigned some sort of priority, that priority is as a case pack. That means it's...

...up in the process.

Simpson: Is that based on the purchase order or the carton **label** ?

O'Donnell: Both. The PO designated it first. The carton **label** verifies it. Everything is double verified. It's verified by the **label** on the carton, and also on the PO when it's received.

The main thrust...

...rotating storage area controlled by two-phase software.

One phase of the software is the **inventory** aspect. The other phase is a machine control aspect. The equipment process is constantly ... monitored.

The main thrust of this system's value is its ability to control your **inventory** . The accuracy. It calculates vendor shortages, overages. It constantly updates itself throughout the entire process...

...really is a state of the art application of existing technology. Using barcoding, directed task **assignment** and complete conveying systems. It's about all you could do, given what we have...

...of X and it's in location Y." They go to that location, read the **barcode** to verify the four cartons, pull those cartons off, and put them on a piece of gravity conveyor and run them down at minimal cost. The **inventory** is still reflective of what the transaction was.

Murrah: One key to really making that...Murrah: We've been asked if retailers would like to be able to take an **inventory** by just having all the tags read into their system.

Liles: We have toyed with...

...RF tags . . . for all sorts of different things.

Armstrong: Satellite technology is being utilized to **track** trailers because of the growing theft issue . . . trucks hijacked from the back of stores.

Murrah...

...be multi-purpose. Flexibility will allow your point-of-sale terminal to also be your **inventory** counting terminal.

Simpson: Real time POS and intelligent promotion tracking will be able to monitor...

...networking as forecasting for replenishment purposes.

Armstrong: What about further expansion of the two-dimensional **barcode** ?

Calhoun: Talk about real time--you can also equate that to EDI. EDI mostly today...

19930500

8/3,K/17 (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04605332 SUPPLIER NUMBER: 09029751 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Carol Wright Sales. (warehousing management review)
Struckus, Sharon R.
Chilton's Distribution, v89, n5, p142(2)
May, 1990
ISSN: 1057-9710 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 948 LINE COUNT: 00074

... of housewares, gifts and apparel arrive from all over the world.

At the receiving dock, **inventory** control personnel key in purchase order data and quantities for each shipment. The in-house...

...second bar code, the store ticket, is also attached to each pallet, giving the storage **assignment** . Using a radio frequency wand, a worker scans the store ticket for proper location of...

...The cartons are then moved to one of two staging areas to await aisle storage. **Label Design Reduces Errors**

The sophisticated system Carol Wright uses to keep **track** of all this merchandise and its flow depends on a simple, yet multi-functional **label**. The **label** is computer-generated and is part of a form that keys process control for each order-from the initial order entry to final shipment. The form-plus-**label** design and format was initially introduced in 1982 and has constantly been modified until its recent upgrade by the Data **Label** Division of Data Documents.

The redesigned **label** includes the realignment of SKU information on the form and permits the printing of order...

...McDonnell Douglas micro data processing system. After being uploaded into the system, each order is **assigned** a bar code. One of the company's eight printers reproduces the order information on a continuous form of 8 1/2 by 10 1/2 fanfolded processing labels.

The **label** is divided into four sections for specific order processing information. Two of these are removable...

...the other for return shipment of damaged or unsatisfactory merchandise. A third section of the **label**, a packing list, provides for computer itemization of the order, quantities, product ID numbers, box size code, warehouse location and other data. The fourth part of the **label**, the picking ticket, codes the merchandise to the appropriate pick line location.

Dennis Francis, director of marketing for Data Documents' Data **Label** Division, reports that the form is periodically upgraded to allow Carol Wright streamlined operations.

Another important part of the process is a highly automated **inventory**, backstocking (the movement and storage of merchandise prior to picking) and distribution system that feeds...

...flow of stock movement.

As customer orders are processed and batched by bar code category, **inventory** is automatically verified via the mainframe computer. When supply drops, the system triggers replenishment automatically, giving the lift **truck** operator instructions for the pickup via an LXE radio frequency terminal. However, as much product...

...75 different sizes. "This refinement substantially reduced postage costs and increased our order capacity per **truck**," says Brace.

As the cartons move along a conveyor, electronic scanners read the **barcode** on the **label**. This generates a printed manifest for UPS shipping. In the loading area, orders are scanned...

...sorted according to drop point and conveyed to the appropriate loading dock. A final electronic **scan** confirms order shipment and the date is recorded on the manifest. "Trucking batch orders to...

19900500

8/3,K/18 (Item 9 from file: 148)

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04594859 SUPPLIER NUMBER: 08555226 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Direct marketing software guide 1990. (includes related articles on providing list processing to retailers, calculating postal rates, and writer's block) (buyers guide)

Direct Marketing, v53, n2, p29(22)

June, 1990

DOCUMENT TYPE: buyers guide ISSN: 0012-3188 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 15543 LINE COUNT: 01388

... or one by one. The system will add, correct or confirm 5-digit ZIP codes; **assign** carrier rout codes; insert ZIP+4 codes; and correct street,

city and state data according...marketers. Features of the Anchor Mail Merge/Purge package include list conversion, duplicate elimination, selection, **label** print or tape output, split streams and reports. The List Maintenance package features list conversion, maintenance, selection, **label** print on tape output and marketing analysis reports.

Specs: Runs on IBM 360/370, 43xx...

...population and MSA name.

Specs: Runs on IBM and Macintosh computers; also available on 9-track magnetic tape. Has ASCII fixed record length file and requires 6MB of disk space.

Training inquiry processing functions include: follow-up **assignments** based on territory and product responsibility, personalized letters of inquiries, sales lead sheets and performance...add new information and create notes, reports and graphs. Word processing, mail merge and formatted **label** capabilities help users create personalized mailings.

Specs: Runs on IBM PS/2, /XT, /AT or...aging, customer statements, advertising and marketing analysis, and mailing labels in seven different formats. Nine **inventory** price levels allow user to handle both wholesale and retail customers. Compiled Foxbase; dBase source...

...for small mix of wholesale. selling. Menu-driven order entry/review, credit card processing, full **inventory** control including drop shipping, UPS and USPS shipping. Query-driven profit analysis including downstream source...

...package is designed for full-service mail order companies. Functions include order entry, order processing, **inventory**, customer file, response analysis and forecasting.

Specs: Runs on Prime computers version 2350-6350 and...

...trays, sacks and pallets) and processes up to 99 mailing splits in one run. Automatic **label** generation and sophisticated packaging and summary reports (output for USPS PC3602 and PC3541 reports) ensure...

...with USPS postal bulk mail verification and acceptance requirements. The system assists with distribution and **truck** loading, increasing productivity in mailing operations. The module will also reformat files for ink-jet...offers ways to manage business contacts, including a simple method to store names and addresses, **track** history, search and target a client base, write letters, increase phone effectiveness and guarantee follow...

...800/356-0022; 608/328-8870

Package features: This comprehensive relational database handles on-line **inventory** control, shipping and fulfillment, order processing, mailing list management, advertising analysis and report writing.

Specs...

...order taking to financial accounting. The system has three on-line subsystems: Sales/Order Management, **Inventory** /Product Management and Financial Accounting.

Specs: Runs on Data General's entire MV product line...phone), customer service, fulfillment, marketing and sales analysis, full accounting, catalog forecasting, purchasing/receiving and **inventory** control. Also features on-line customer file supporting both retail and business-to-business transactions...Package features: PER/List is a list management system which contains interactive list definition/maintenance, **label** definition, text editor, sort/select capabilities, **label**, letter and master list printing, file import/export and user-defined qualification codes. Optional subsystems are available for postal presorting, merge/purge, carrier route and ZIP + 4 code **assignment** and specialized geographical processing.

Specs: Runs on any model of IBM System/36 or IBM...is designed to integrate and automate all office functions. Modules include order entry, production control, **inventory** control, postage accounting, purchase orders, invoicing, sales management, sales analysis, accounts receivable/Payable, general ledger...

...management/fulfillment system for direct mail catalogers. Its functions

include on-line order entry, perpetual **inventory** control, customer service, financial analysis, customer list management, sales and advertising analysis, retail store management...

...to provide mail order companies with management and fulfillment functions, including order entry, customer service, **inventory** control, credit card processing, UPS manifesting, back order processing and management reporting. The PC-based...the status of key prospects.

The Sales Forecast and Order Tracking Module helps the user **track** prospect from sales forecast to order placement to factory shipment to final commission payment in...

...for any time period and organize "to do" lists and tickler information. Priorities can be **assigned** to objectives along with target completion dates.

The Mass Marketing Evaluation Module provides a place to **track** the costs and results of the user's sales marketing programs. The module allows tracking...maintenance hard disk diagnostic utility program for the IBM and compatibles. It conducts a surface **scan** for sector errors, can adjust interleave factor for maximum data throughput and can perform a...

...Price: \$95-\$195, depending on number of sales territories. Demo diskette \$10

Mailing System: TRUCK LOAD SYSTEM Group 1 Software, 6404 Ivy Lane., Ste. 500, Greenbelt, MD 20770-1400 800/368-5806; 301/982-2000

Package features: Analyzes and qualifies mail files. Truck **codes** are assigned to each qualifying mail piece enabling easy loading and consolidation of multiple mailings.

Specs: Runs on...

...St., Ft. Lauderdale, FL 33311-3834 305/779-2720

Package features: Writebar is a barcode **printing** program for dot matrix and HP laser printers. It offers the option to print on...per year.

Price: \$10,000-\$30,000.

List Management/Database: ZIP+4/CARRIER ROUTE (ZCR) **BARCODE** SYSTEM
First Data Resources Inc., 7302 Pacific St., Omaha, NE 68114-5400
800/338-6073...

...business-to-business catalogers. It offers interactive order entry for phone and mail orders, integrated **inventory** control and purchasing, back order control, on-line customer service; **barcode** shipping system, UPS manifesting, automatic credit card authorization and deposit and warehouse management. Also provides **inventory** forecasting, demand and sales reports, source key, catalog and product analysis reports. Optional modules include...

...order processing. Produces shipping labels, packing list, invoices, credit card chits, daily sales, counts and **inventory** report.

Specs: Runs on IBM/AT and IBM 286/386/486 running MS-DOS, ver...

19900600

8/3,K/19 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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03922923 SUPPLIER NUMBER: 07658455 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Pushed to limit, Publix builds cold warehouse. (Publix Super Markets Inc.)

(Distribution Center Field Report) (company profile)

U.S. Distribution Journal, v216, n5, p27(2)

May, 1989

DOCUMENT TYPE: company profile

ISSN: 0897-1315

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1301 LINE COUNT: 00104

... Merkle explained. "Several computer management systems operate in concert with the conveyor system to keep **track** of **inventory**, product flow and delivery schedules for each warehouse."

As soon as orders from individual stores...

...warehouse begins. The computer first organizes orders into batches, reflecting the most efficient use of **truck** schedules and delivery sequences.

These batches increase productivity by allowing order selectors to pick frozen...

...time.

The computer also generates barcoded pick labels for each batch.

Selectors then affix a **label** to each carton before placing it on the Rapistan Walk Pick takeaway conveyor. Overhead scanners...

...sortation line and activates the pop-up wheel diverter which sends each carton down the **assigned** shipping line. There are 12 sortation/shipping lines for dairy and 10 for frozen food...

...place cartons on carts that are wheeled into waiting trailers. Products are then transported by **truck** to the 137 stores in Publix' Miami division.

Throughout the selection process, a monitoring system designed by Rapistan keeps **track** of the product flow. The controls monitoring each system continually report information to company management...record tallies of each batch, noting any discrepancies. Video monitors overhead allow operators to visually **scan barcode** labels on cartons.

PHOTO : Order selectors pick product according to information provided on computer-generated...

...arranged in the same sequence as product is located in the picking modules. Each barcoded **label** is affixed to a carton for scanning and diverting to the sortation area.

PHOTO : A...


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... Inc., Warminster, PA; 1.215.442.7400. **Barcode** 2000 4.0/Java from Unibar is ... a company's network from a single server. **Barcode** 2000 features a **label** designer and utilities written in Java and ...

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